

**MANGALORE UNIVERSITY**

DEPARTMENT OF BIOSCIENCES

M.Sc. ENVIRONMENTAL SCIENCE

ESP 507 ENVIRONMENTAL PROTECTION LAB

Course Outcomes:

CO1 Conduct experiments to detect chemicals present in water and soil.

CO2 Learn solid waste indices.

CO3 Gain the knowledge of environmental movements.

CO4 Understand the methods to detect chemicals in solid waste sample.

1. Estimation of alkalinity in water and soil samples.
2. Estimation of phosphate in water and soil samples.
3. Estimation of sulphate in water and soil samples.
4. Estimation of silicate in water and soil samples.
5. Study on soil size and texture.
6. Solid waste indices.
7. Estimation of physical parameters of solid waste.
8. Estimation of chlorinity in solid waste samples.
9. Estimation of phosphate in solid waste samples.
10. Estimation of sulphate in solid waste samples.
11. Estimation of silicate in solid waste samples.
12. Study of important environmental movements to protect environment